AG06012DB257103 ADDA 12VDC 60x60x25mm Low Noise Axial Fan Datasheet

Brand: ADDA

SKU: 1014655944430

Category: Axial & Centrifugal Fans

Price: **$12.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/ag06012db257103-adda-12vdc-60x60x25mm-low-noise-axial-fan

Product Description

The ADDA AG06012DB257103 is a DC Axial Fan engineered for precision thermal management in acoustic-sensitive environments. Utilizing advanced Brushless DC (BLDC) motor technology paired with a robust Double Ball Bearing architecture, this unit ensures minimized friction and extended operational longevity compared to sleeve bearing alternatives. The aerodynamic impeller design optimizes airflow while maintaining a low noise profile, effectively reducing thermal impedance within compact enclosures. Constructed with high-grade PBT materials, the frame offers superior structural rigidity and resistance to environmental stress, making it an ideal solution for continuous duty cycles in industrial instrumentation and power regulation systems.

Model Number: AG06012DB257103
Brand: ADDA
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Voltage Range: 10.2 - 13.8 VDC
Rated Current: 0.07 A
Power Consumption: 0.84 W
Rated Speed: 2800 RPM
Bearing Type: Double Ball Bearing
Max. Air Flow: 16.0 CFM (27.18 m^3/h / 0.45 m^3/min)

Max. Static Pressure: 2.79 mmH_2O (27.4 Pa / 0.11 inH_2O)
Dimensions: 60x60x25mm
Weight: 58 g
Noise Level: 24.0 dB(A)
Life Expectancy: 70,000 Hours @ 40°C
Housing Material: PBT Plastic (UL94V-0)
Impeller Material: PBT Plastic (UL94V-0)
Termination: 2-Wire Leads
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Safety Certifications: UL, CUL, TUV, CE

The AG06012DB257103 is specifically calibrated for integration into compact electronic assemblies where reliability and acoustic performance are paramount. Common deployment sectors include industrial control chassis, precision power supply units, and network communication hardware. The AG06012DB257103 provides consistent airflow to dissipate heat from sensitive components, ensuring system stability in server racks and automated instrumentation equipment without introducing excessive vibration or noise.

Supplemental Images


ADDA
V9037462
DC BRUSHLESS
MODEL AG06012DB257103
DC 12V
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